Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101018\
Data File : BN003052.D
Acq On : 10 Oct 2018 06:05
Operator : MJ/SJ
Sample : J5115-20
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 10 09:17:18 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN100918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 10 08:36:11 2018
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : JLC63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1984	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.39	136	8020	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	4563	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	9735m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.22	240	6078m	0.40	ng/ul	-0.01
20) Perylene-d12	23.43	264	6699m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3382	0.27	ng/ul	-0.02
14) Fluoranthene-d10	19.05	212	7573m	0.27	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	38127	1.853	ng/ul	96
5) 2-Methylnaphthalene	12.07	142	9791	0.691	ng/ul	97
7) Acenaphthylene	13.98	152	5786	0.277	ng/ul#	96
8) Acenaphthene	14.32	153	74679	4.714	ng/ul	98
9) Fluorene	15.32	166	63974	3.526	ng/ul	98
11) Pentachlorophenol	16.71	266	121m	0.128	ng/ul	
12) Phenanthrene	17.06	178	1050321m	38.704	ng/ul	
13) Anthracene	17.15	178	207806m	8.107	ng/ul	
15) Fluoranthene	19.09	202	1768415m	55.547	ng/ul	
17) Pyrene	19.45	202	1478936m	62.649	ng/ul	
18) Benzo(a)anthracene	21.21	228	654341m	33.455	ng/ul	
19) Chrysene	21.26	228	681160m	34.297	ng/ul	
21) Benzo(b)fluoranthene	22.78	252	813034m	33.700	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	285303m	11.407	ng/ul	
23) Benzo(a)pyrene	23.34	252	576277m	26.653	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.64	276	419243m	16.873	ng/ul	
25) Dibenzo(a,h)anthracene	25.64	278	100446m	5.051	ng/ul	
26) Benzo(g,h,i)perylene	26.32	276	413655m	19.744	ng/ul	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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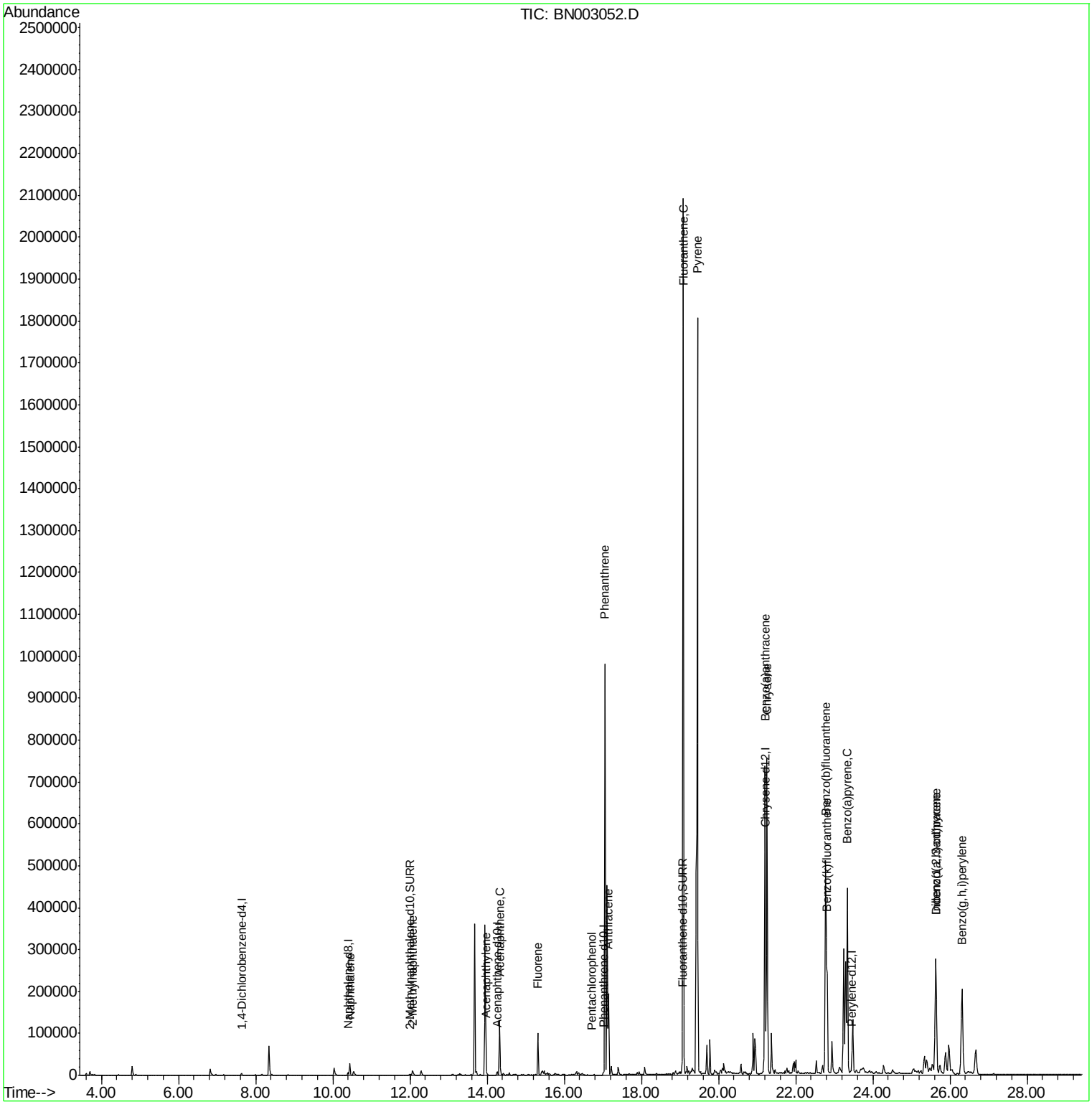
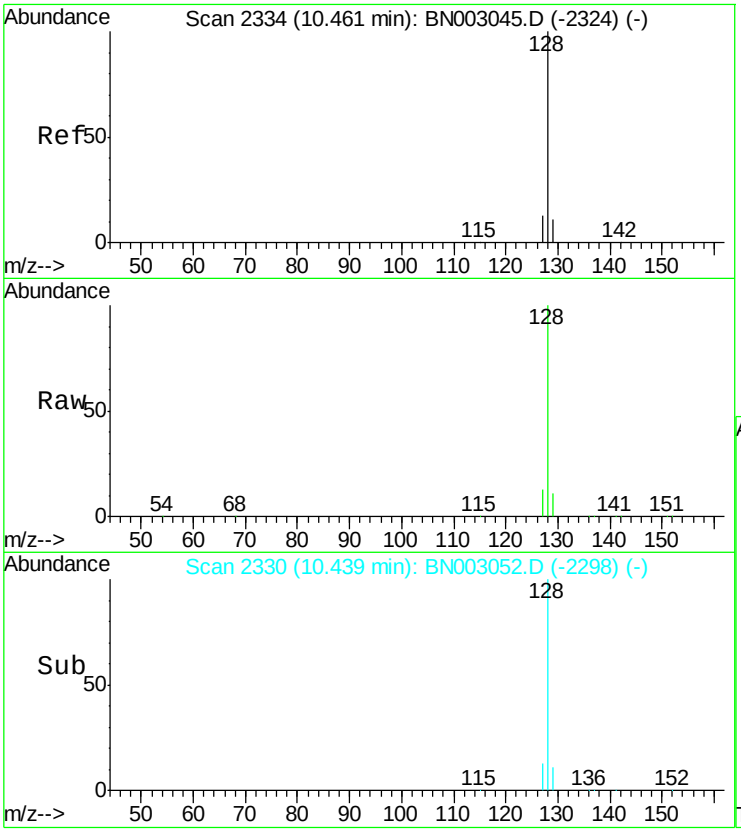
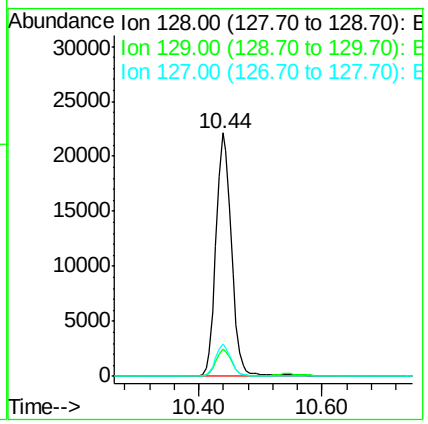




#3
Naphthalene
Concen: 1.853 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:128 Resp: 38127

Ion	Ratio	Lower	Upper
128	100		
129	11.1	10.4	15.6
127	13.1	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
JLC63

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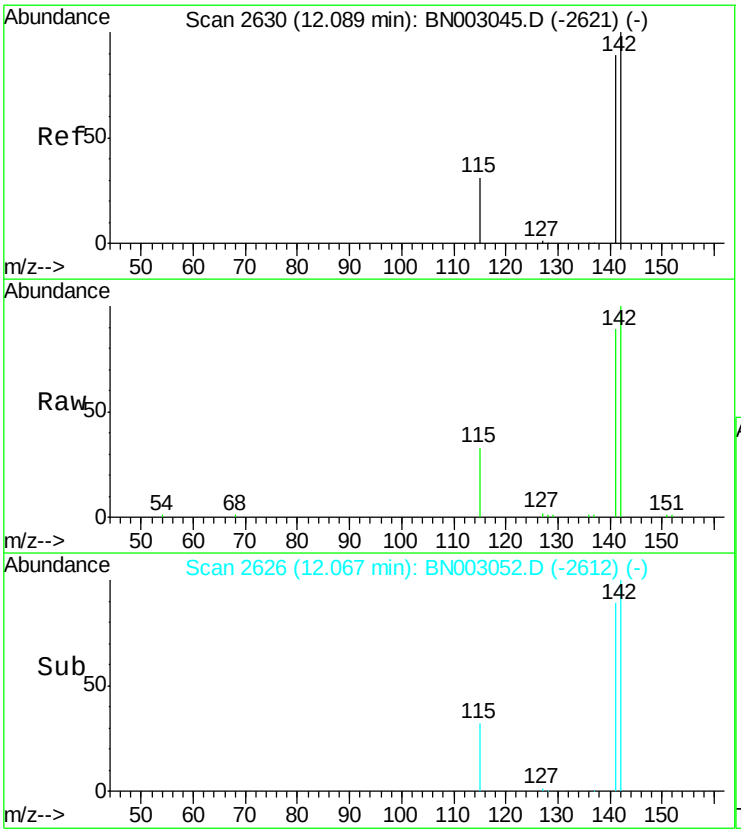
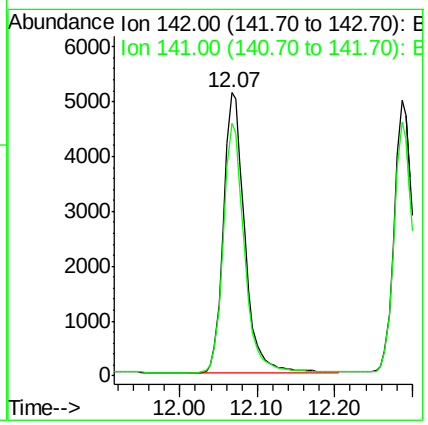
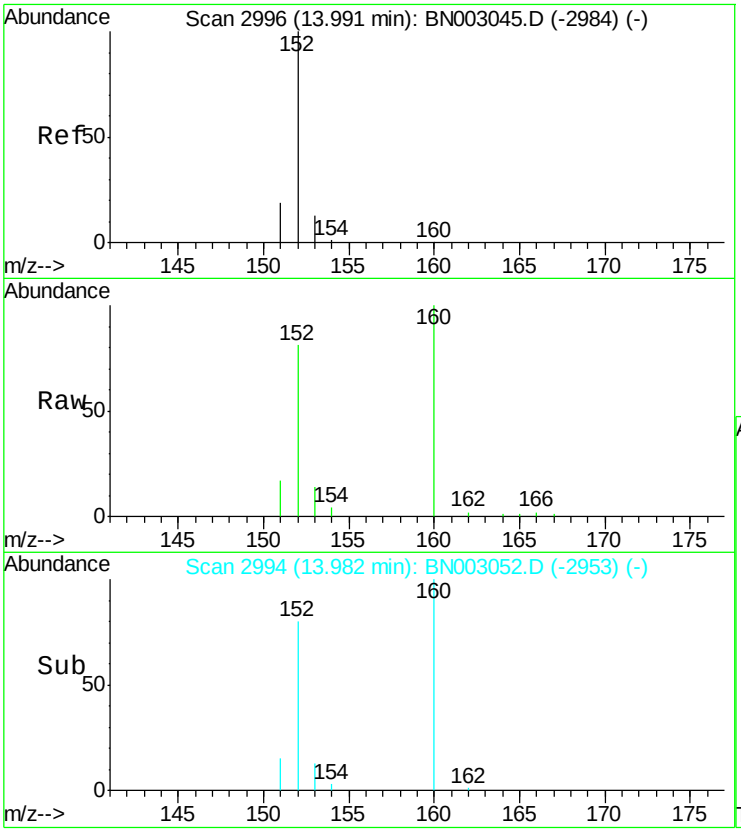


#5
2-Methylnaphthalene
Concen: 0.691 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.02 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:142 Resp: 9791

Ion	Ratio	Lower	Upper
142	100		
141	89.1	73.4	110.0





#7
Acenaphthylene
Concen: 0.277 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.01 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:152 Resp: 5786

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.5	24.7
153	17.7	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
JLC63

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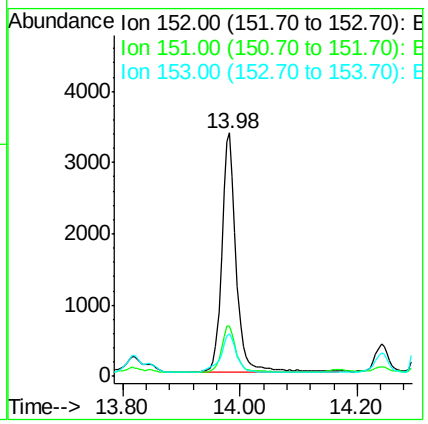
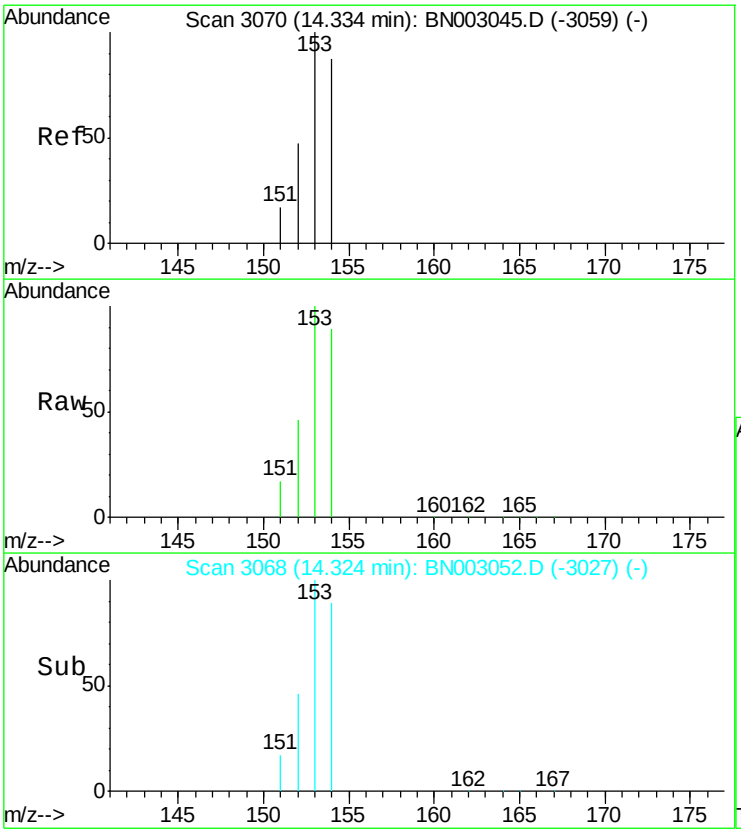
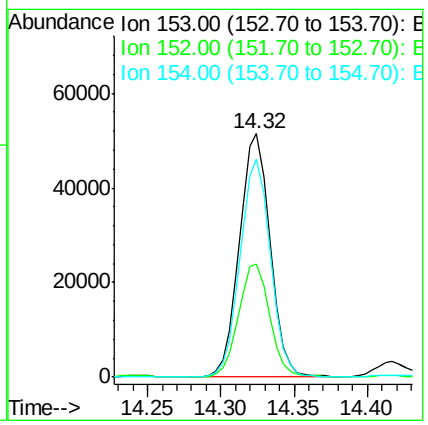


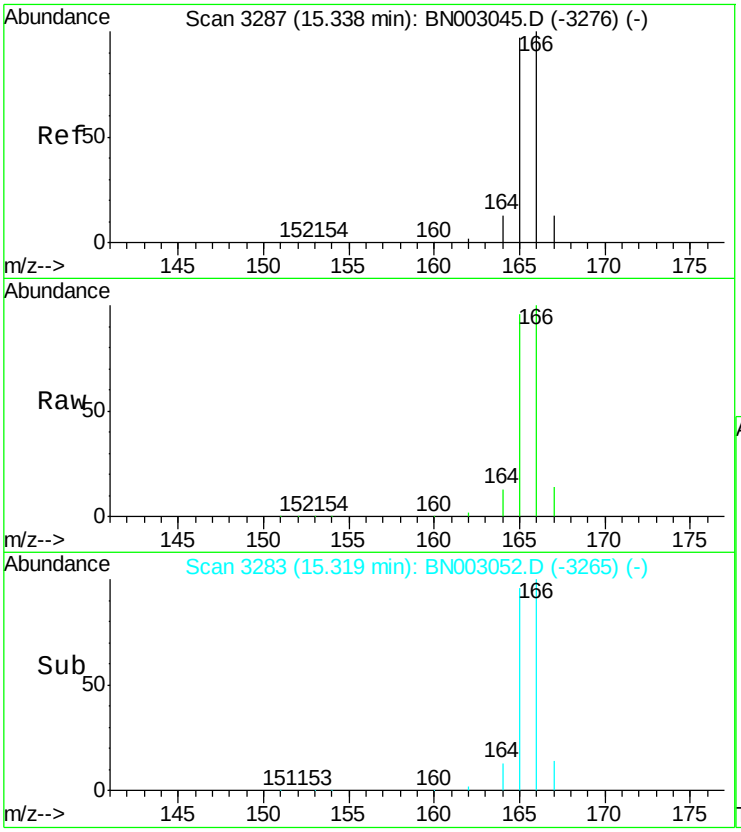


#8
Acenaphthene
Concen: 4.714 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:153 Resp: 74679

Ion	Ratio	Lower	Upper
153	100		
152	46.3	38.2	57.4
154	89.5	70.2	105.2

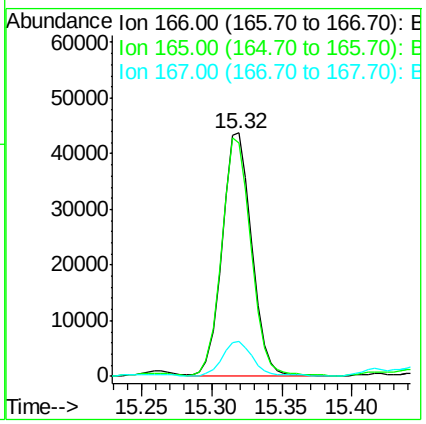




#9
Fluorene
Concen: 3.526 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.02 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:166 Resp: 63974

Ion	Ratio	Lower	Upper
166	100		
165	96.0	78.5	117.7
167	14.4	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
JLC63

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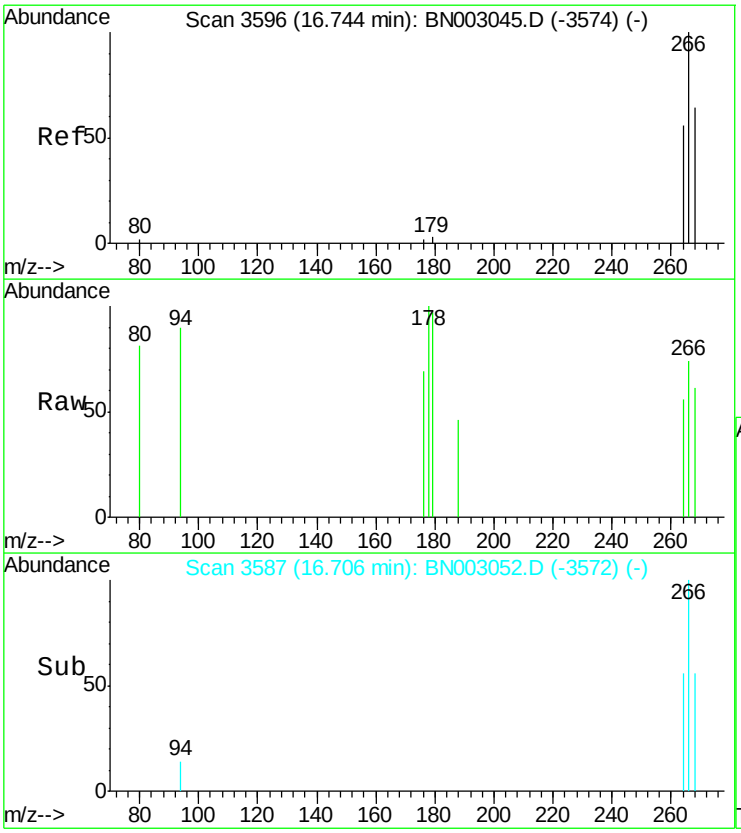
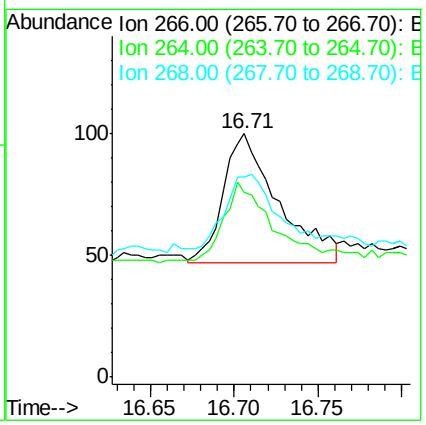
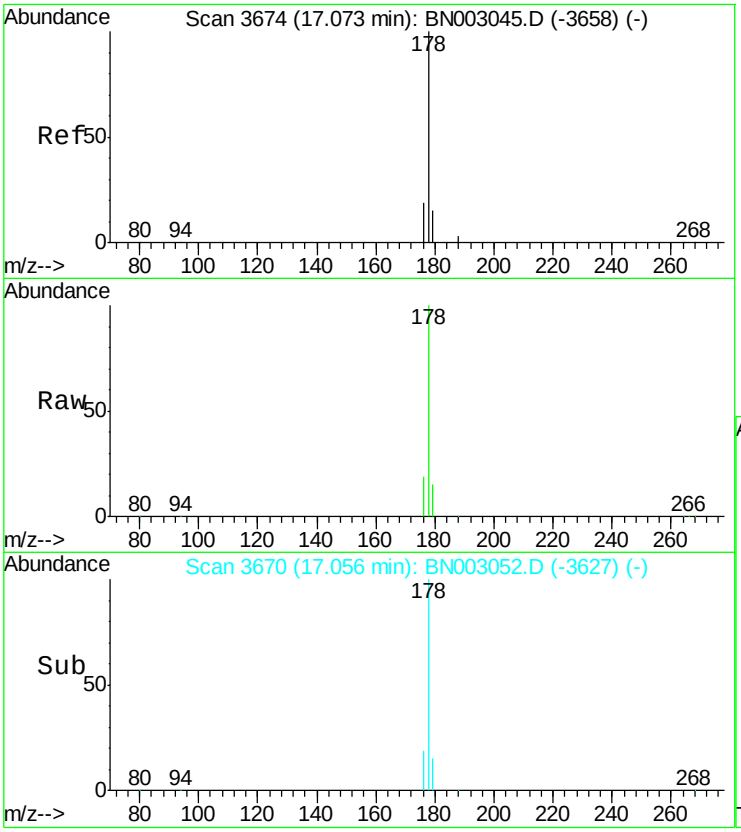


#11
Pentachlorophenol
Concen: 0.128 ng/ul m
RT: 16.71 min Scan# 3587
Delta R.T. -0.04 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:266 Resp: 121

Ion	Ratio	Lower	Upper
266	100		
264	1.7	52.5	78.7#
268	3.3	48.6	72.8#

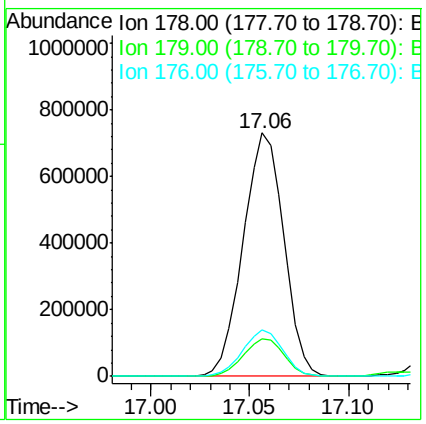




#12
Phenanthrene
Concen: 38.704 ng/ul m
RT: 17.06 min Scan# 3670
Delta R.T. -0.02 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:178 Resp: 1050321

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.9	19.3
176	18.9	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
JLC63

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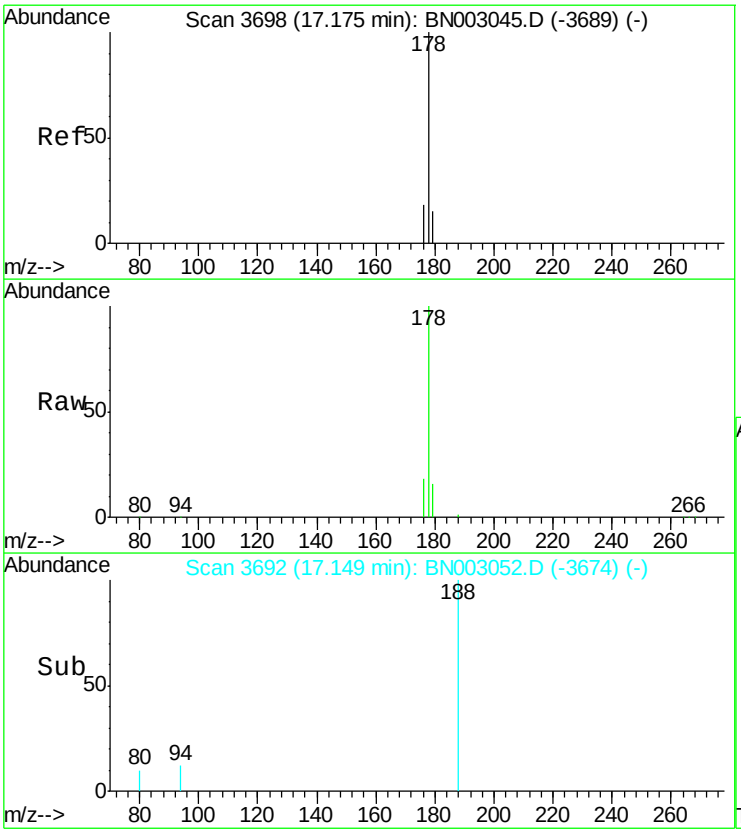
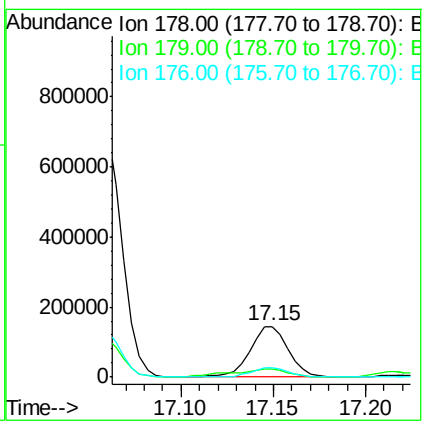
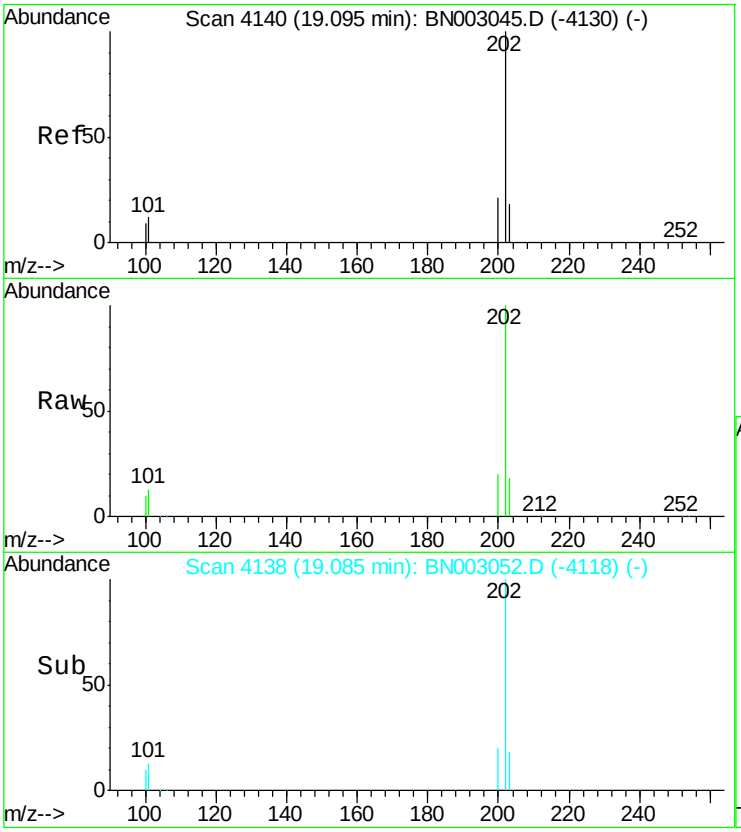


#13
Anthracene
Concen: 8.107 ng/ul m
RT: 17.15 min Scan# 3692
Delta R.T. -0.03 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:178 Resp: 207806

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.6
176	17.9	15.3	22.9

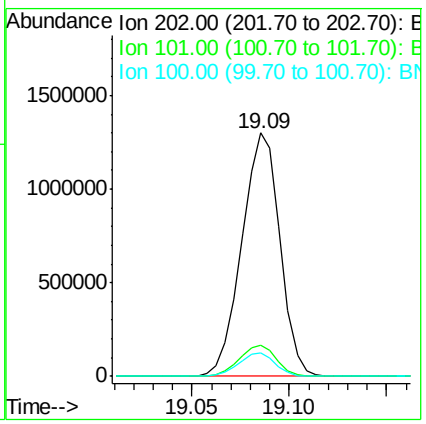




#15
Fluoranthene
Concen: 55.547 ng/ul m
RT: 19.09 min Scan# 4138
Delta R.T. -0.01 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:202 Resp: 1768415

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	32.3
100	9.7	0.0	29.1



Instrument :
BNA_N
ClientSampleId :
JLC63

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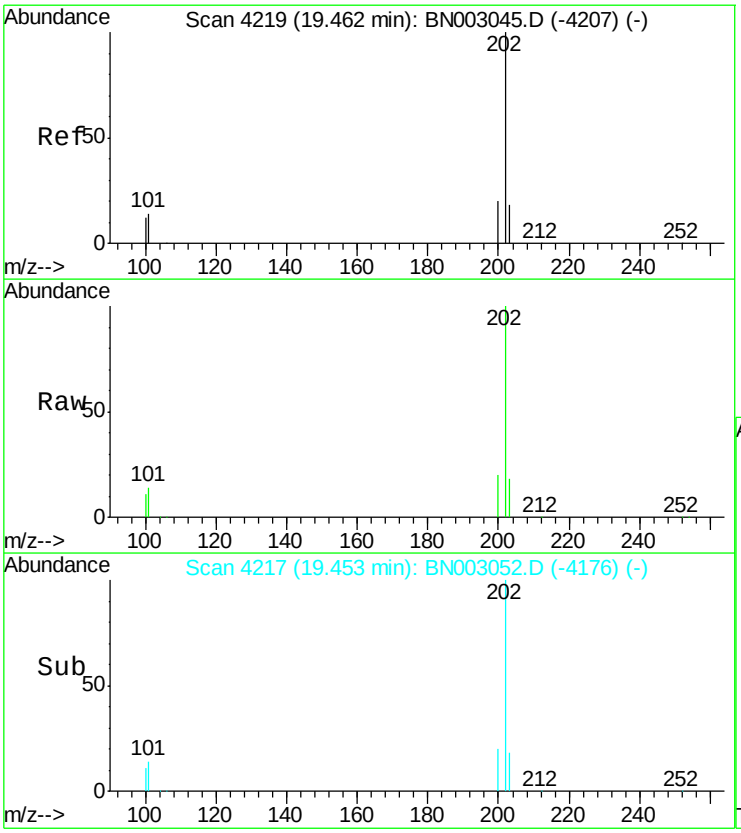
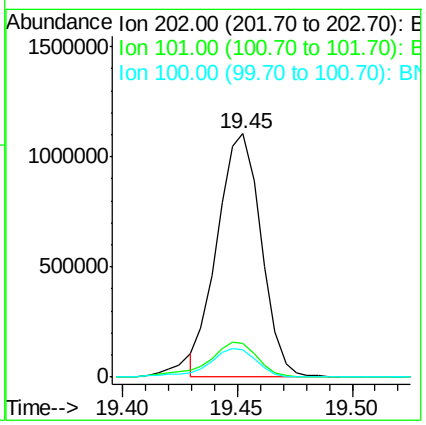
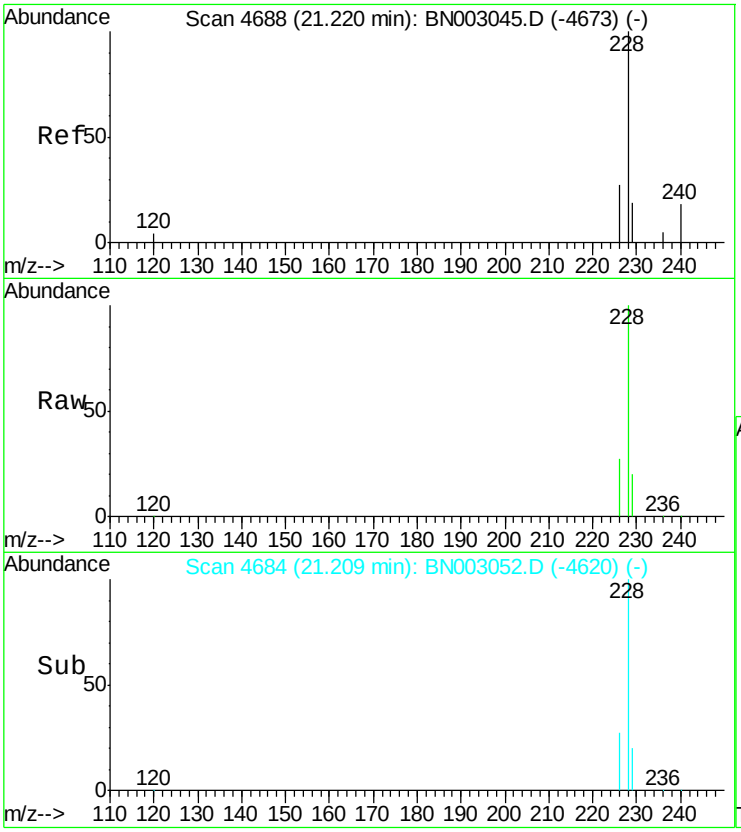


#17
Pyrene
Concen: 62.649 ng/ul m
RT: 19.45 min Scan# 4217
Delta R.T. -0.01 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:202 Resp: 1478936

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.9	17.9
100	11.1	9.9	14.9

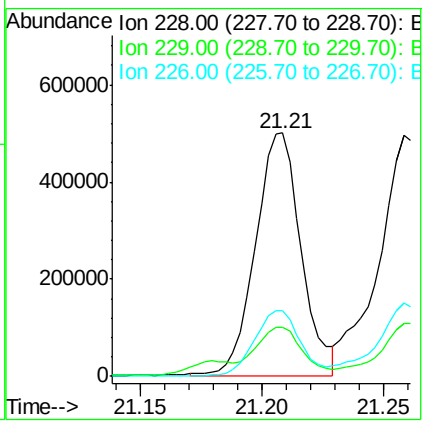




#18
Benzo(a)anthracene
Concen: 33.455 ng/ul m
RT: 21.21 min Scan# 4684
Delta R.T. -0.01 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:228 Resp: 654341

Ion	Ratio	Lower	Upper
228	100		
229	20.3	16.2	24.2
226	26.8	22.3	33.5



Instrument :
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ClientSampleId :
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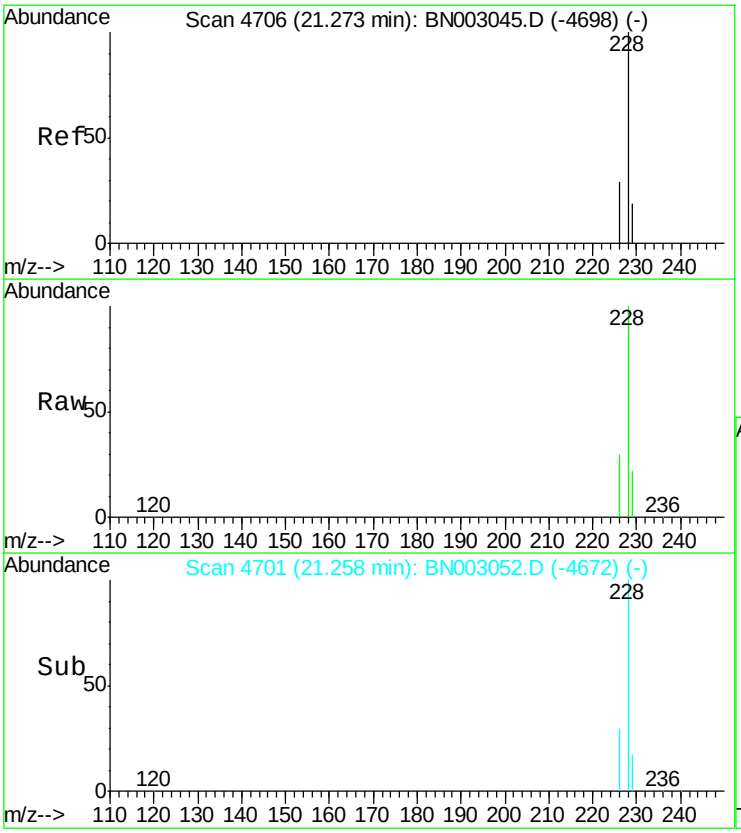
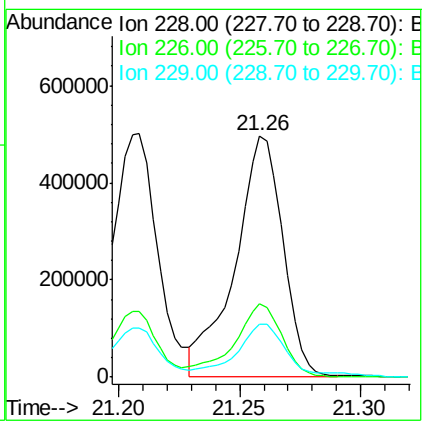
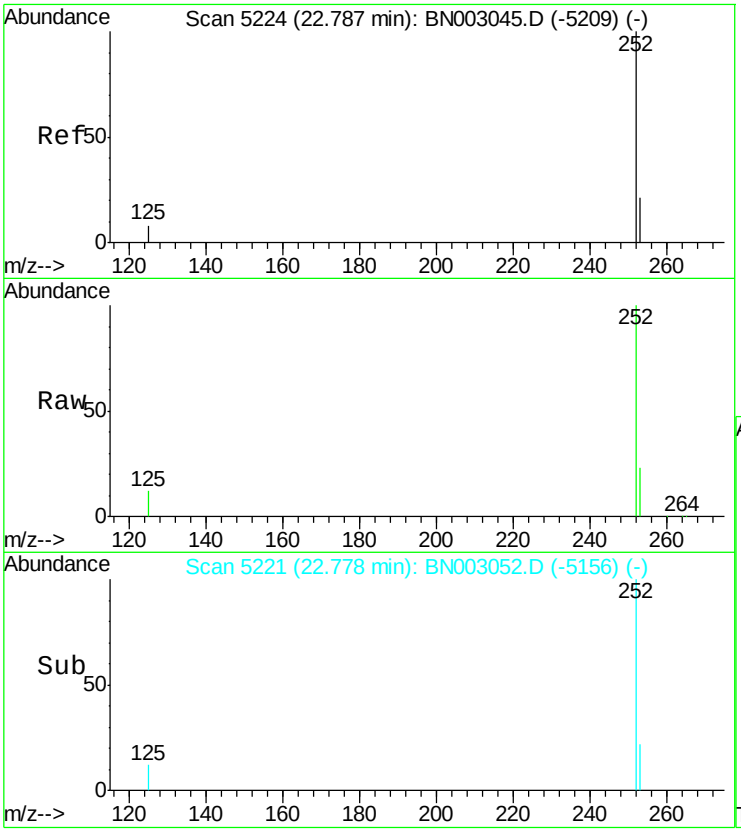


#19
Chrysene
Concen: 34.297 ng/ul m
RT: 21.26 min Scan# 4701
Delta R.T. -0.01 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:228 Resp: 681160

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.2	36.4
229	21.7	16.7	25.1

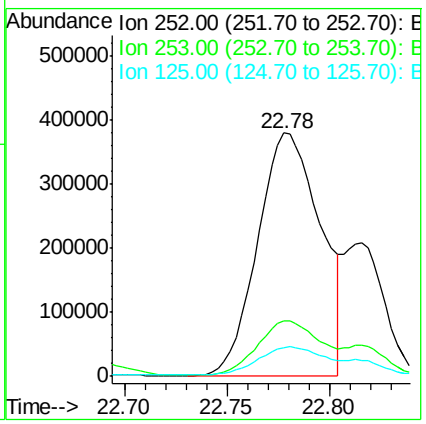




#21
Benzo(b)fluoranthene
Concen: 33.700 ng/ul m
RT: 22.78 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:252 Resp: 813034

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	53.2
125	11.9	0.0	34.2



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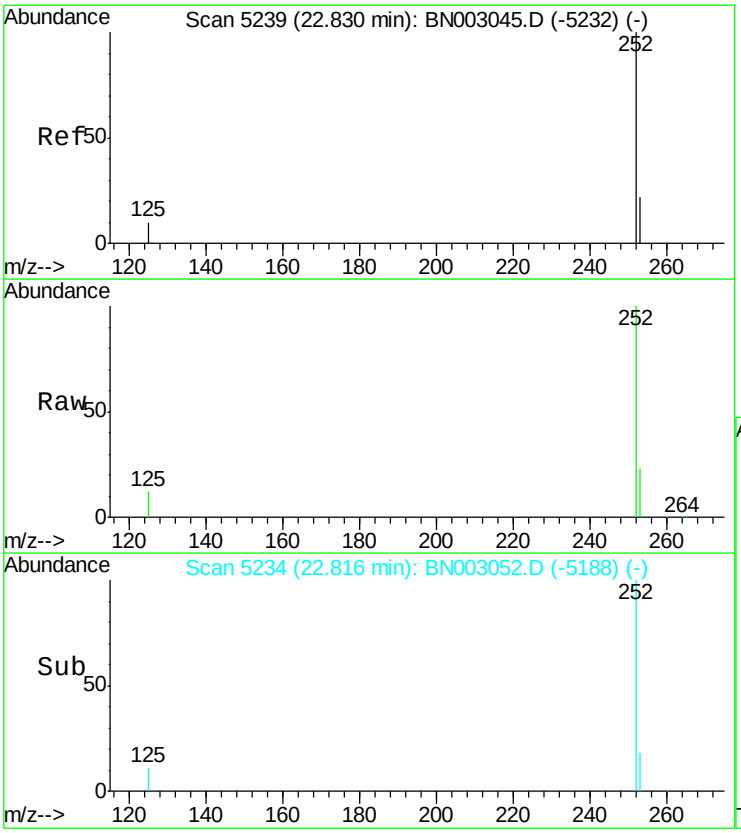
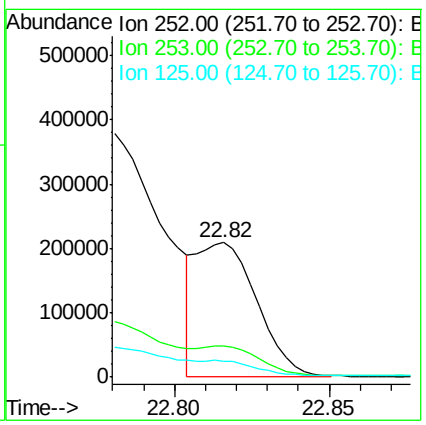
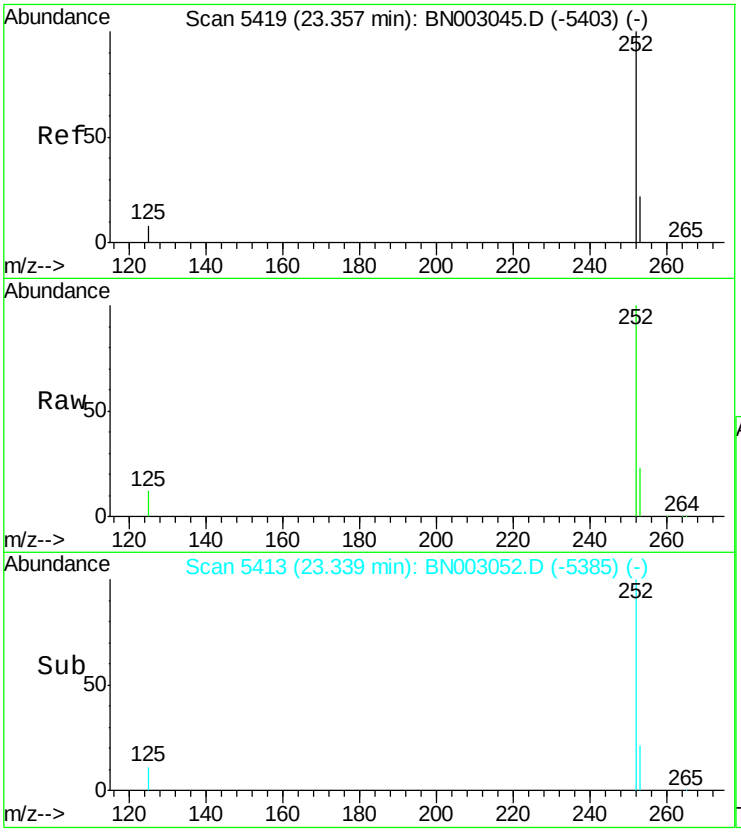


#22
Benzo(k)fluoranthene
Concen: 11.407 ng/ul m
RT: 22.82 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:252 Resp: 285303

Ion	Ratio	Lower	Upper
252	100		
253	23.1	21.3	31.9
125	12.2	14.1	21.1#





#23
Benzo(a)pyrene
Concen: 26.653 ng/ul m
RT: 23.34 min Scan# 5413
Delta R.T. -0.02 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:252 Resp: 576277

Ion	Ratio	Lower	Upper
252	100		
253	22.9	23.1	34.7#
125	12.4	16.9	25.3#

Instrument :
BNA_N
ClientSampleId :
JLC63

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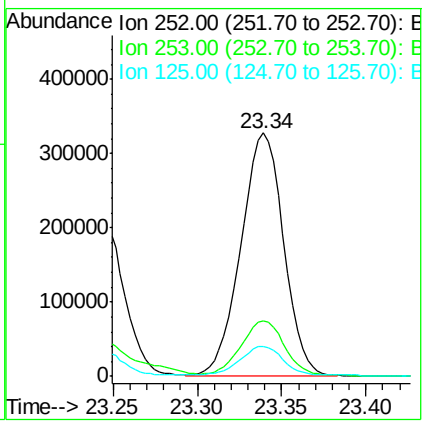
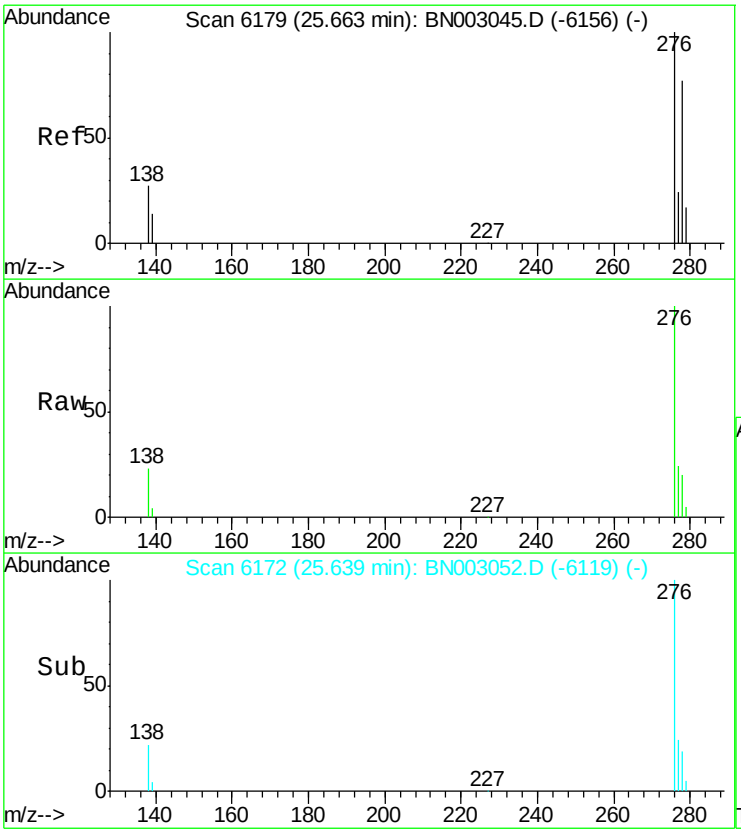
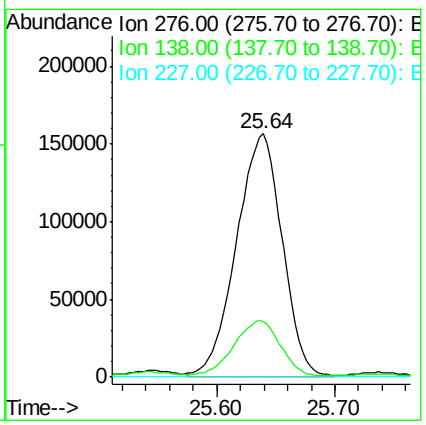


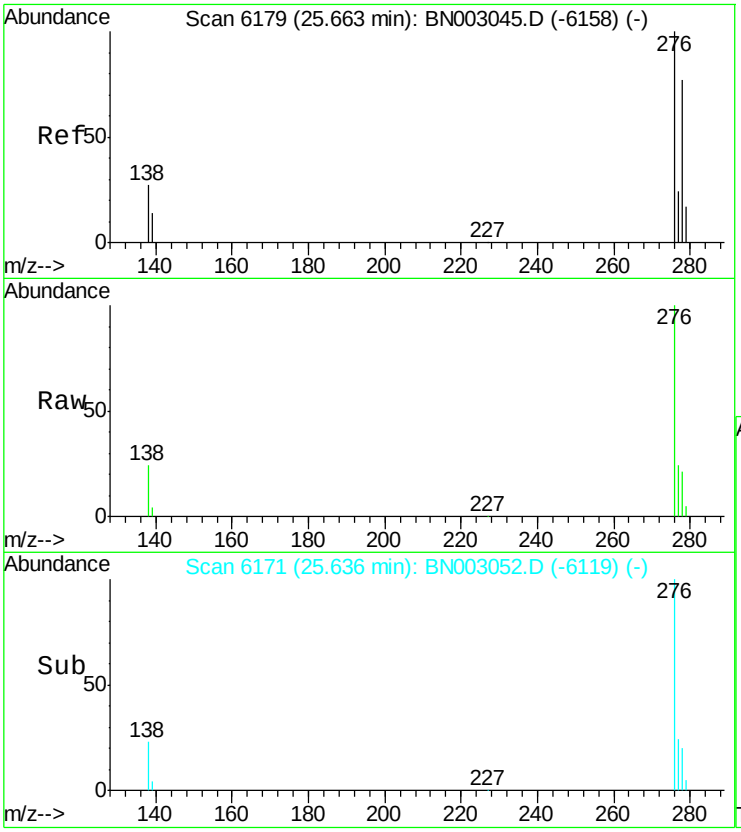


#24
Indeno(1,2,3-cd)pyrene
Concen: 16.873 ng/ul m
RT: 25.64 min Scan# 6172
Delta R.T. -0.02 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:276 Resp: 419243

Ion	Ratio	Lower	Upper
276	100		
138	2.6	21.5	32.3#
227	0.0	0.3	0.5#

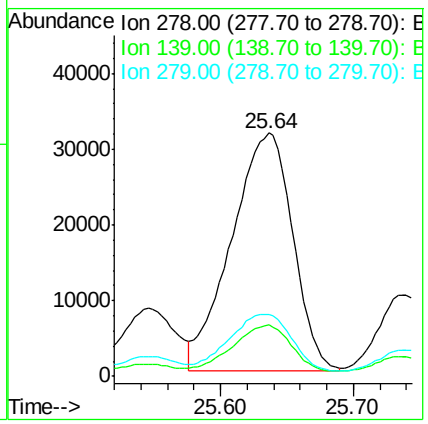




#25
Dibenzo(a,h)anthracene
Concen: 5.051 ng/ul m
RT: 25.64 min Scan# 6171
Delta R.T. -0.03 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

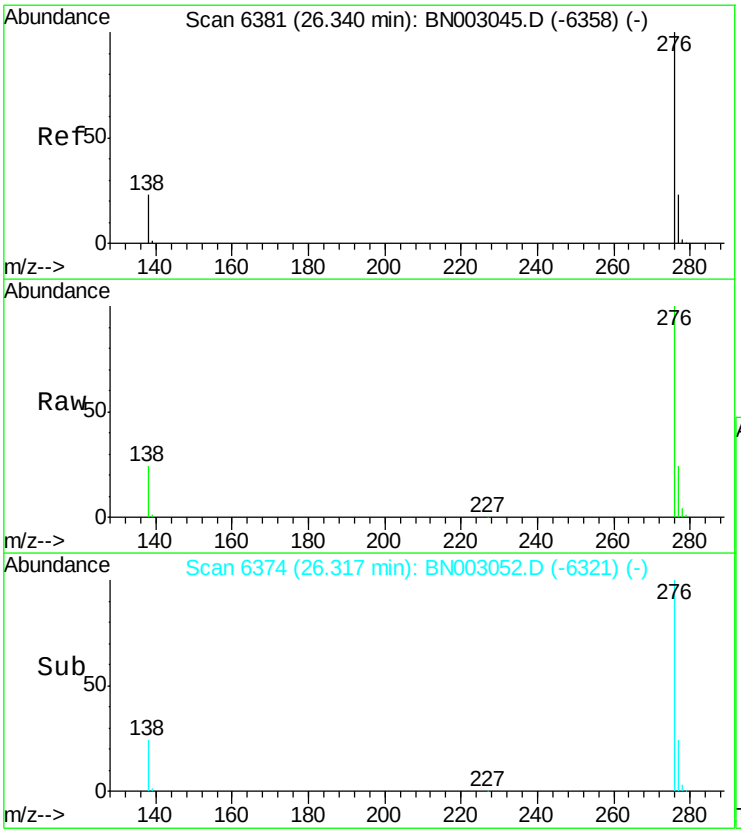
Tgt Ion:278 Resp: 100446

Ion	Ratio	Lower	Upper
278	100		
139	21.0	20.2	30.4
279	25.6	23.8	35.8



Instrument :
BNA_N
ClientSampleId :
JLC63

Manual Integrations APPROVED
Sohil
10/10/2018 4:58:22 PM



#26
Benzo(g,h,i)perylene
Concen: 19.744 ng/ul m
RT: 26.32 min Scan# 6374
Delta R.T. -0.02 min
Lab File: BN003052.D
Acq: 10 Oct 2018 06:05

Tgt Ion:276 Resp: 413655

Ion	Ratio	Lower	Upper
276	100		
138	24.1	23.0	34.4
277	24.0	22.0	33.0